

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Patent of:

LINTON

Patent No.: 7,472,409 B1

Issued: December 30, 2008

Confirmation No.: 7330

Atty. File No.: 45118-00026

For: "SYSTEM FOR ACCESS TO DIRECT  
BROADCAST SATELLITE SERVICES"Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

This is a request for a Certificate of Correction for PTO mistake under 37 C.F.R. 1.322(a). The errors in the patent are obvious typographical errors or omissions and the correct wording can be found in the specification, at Page 11, line 14. Attached is form PTO 1050 along with copies of documentation that unequivocally supports patentee's assertion(s).

Respectfully submitted,

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turntable 54 would be adjusted for the correct relative elevation. In an alternative embodiment, the antenna 50 comprises an electronically-pointable antenna adapted to be pointed along both axes or dimensions. For example, the relative Azimuth and Elevation (i.e., spherical coordinates) of the desired direct broadcast satellite can be converted in to  
5 X-Y directions (i.e., Cartesian coordinates) and the antenna 50 would be pointed along X and Y axes relative to the orientation of the vehicle in which the system antenna is mounted.

As noted above, the antenna 50 is adapted to receive position control data or look-angles from the controller 40 which dictate the direction in which the antenna 50 is to  
10 point in two-dimensions. As such, once the antenna 50 is pointed at the desired broadcast satellite, a direct broadcast satellite radios signal may enter the antenna 50. Direct broadcast radios signals may be received into the aperture of the antenna 50 and transmitted to a direct broadcast satellite receiver 60 of the system 10. This may occur after filtering and down-conversion to a lower frequency. In one embodiment, the  
15 antenna 50 has a single radio frequency output, with polarization determined by a polarization input designed to select the appropriate polarization to match a particular incoming direct broadcast signal. For example, a direct broadcast satellite receiver may switch the polarization of the antenna 50 between right-hand circular and left-hand circular polarization in order to change between two adjacent digital television channels  
20 on a typical direct broadcast satellite system. Other antennas 50 may have an independent radio frequency output for each desired signal polarization. In either case, this output is receivable by the receiver 60. This output may also be fed to a circuit controller 40 in order to determine the strength of the incoming direct broadcast signal,

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,472,409

APPLICATION NO.: 09/679,590

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INVENTOR(S) : LINTON

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 66, delete "jafter" and insert therefor --after--.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Thomas R. Marsh, Esq.  
Marsh Fischmann & Breyfogle LLP  
8055 East Tufts Avenue, Suite 450

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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